

POSTER SESSION A

Sept 17 12:15 - 13:30

Numero	Last Name	First Name	Title	Topic
4	Sbrocca	Irene	Uncovering key genes at the heart of salinity stress response in durum wheat	PLANT-ENVIRONMENT INTERACTIONS
6	La Monaca	Noemi	Synthetic biology to investigate in vivo N-terminal cysteine oxidation of plant proteins	CUTTING EDGE APPROACHES IN PLANT BIOLOGY
10	Huarancca Reyes	Thais	Sun-kissed or sun-stressed? Investigating UV-B's impact on quinoa germination	PLANT-ENVIRONMENT INTERACTIONS
12	Balestrini	Raffaella	Arbuscular mycorrhizal symbiosis impacts the regulation of salt response related pathways in tomato roots	PLANT-ENVIRONMENT INTERACTIONS
14	Davide	Eleonora	Uncovering the distinct roles of 3',5'-cAMP and 2',3'-cAMP in plant signaling	PLANT-ENVIRONMENT INTERACTIONS
16	Creanza	Pasquale	PHASEOLIN, A NEW ECO-FRIENDLY PROTEIN-BASED BIOPLASTIC	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
18	Carnà	Maurizio	Is β -Cyclocitral a signalling molecule?	PLANT-ENVIRONMENT INTERACTIONS
24	Coculo	Daniele	Structural Barriers Against Xylella: Cell Wall Strategies in Olive Resistance	PLANT BIOTIC INTERACTIONS
28	Caldo	Francesco	Plant in space, how <i>Lactuca sativa</i> responds to Simulated Microgravity and Hypomagnetic fields.	PLANT-ENVIRONMENT INTERACTIONS
30	Bottiglione	Benedetta	Tailored Light for Tailored Growth: Lentil Seedling Responses to Red and Blue LEDs	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
32	Perazzolli	Michele	APPLE LEAF REACTION TO FREEZING STRESS IS MITIGATED BY INOCULATIONS WITH COLD-TOLERANT BACTERIA	PLANT-ENVIRONMENT INTERACTIONS
40	De Michele	Roberto	Sustaining seagrass restoration: long-term preservation of <i>Posidonia oceanica</i> seeds and seedlings	PLANT-ENVIRONMENT INTERACTIONS
42	Furlani	Adriana	The role of HPCA1 in ROS perception and long-distance signal propagation after wounding in <i>A. thaliana</i>	PLANT-ENVIRONMENT INTERACTIONS
44	Cona	Alessandra	Putrescine as biostimulant agent in <i>Cucumis sativus</i>	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
46	Gargiulo	Sara	Root traits control methane emissions from rice	PLANT-ENVIRONMENT INTERACTIONS
48	Francesca	Silvana	Elucidating Differential Heat Stress Responses in Tomato Genotypes Through Integrated Physiological and Genomic Analyses	PLANT-ENVIRONMENT INTERACTIONS
52	Sparla	Francesca	Modulating phosphoribulokinase affinity: A Proof-of-Concept Study	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS
54	Oddo	Elisabetta	Variability in salt stress tolerance of wild <i>Brassica rapa</i> seedlings originating from different Mediterranean areas	PLANT-ENVIRONMENT INTERACTIONS
58	Zottini	Michela	Investigating the Role of Endophytes in Enhancing Grapevine Resilience to Drought	PLANT BIOTIC INTERACTIONS
60	Tricerri	Niccolò	Nonstructural role of fibers in poplar during drought	CUTTING EDGE APPROACHES IN PLANT BIOLOGY
62	Mercati	Francesco	Alternative N-forms cause differential response to the soil-borne disease <i>Fusarium oxysporum</i> f. sp. <i>melongenae</i> in eggplant (<i>Solanum melongena</i> L.)	PLANT BIOTIC INTERACTIONS
64	Buratti	Stefano	From Petri Dish to Natural Habitat: Development of New Technologies to Study How Plants Respond to Environmental Cues	CUTTING EDGE APPROACHES IN PLANT BIOLOGY
66	Gamba	Rachele	Long-term plant memory toward repeated drought stress assessed by grapevines physio-anatomical responses	PLANT-ENVIRONMENT INTERACTIONS
68	Casolo	Valentino	Carbon reserves in old <i>Abies alba</i> trees as a function of tree-rings growth	PLANT-ENVIRONMENT INTERACTIONS
70	Dell'Aglio	Elisa	NADPH metabolism shapes plant stress responses and reproduction	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS

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72	Di Napoli	Concetta	Post-translational modifications in plant and algae enzymes: new insights in the redox regulation of plastidial Glucose-6-Phosphate Dehydrogenase from <i>Populus trichocarpa</i> and <i>Chlamydomonas reinhardtii</i>	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS
74	PINNOLA	ALBERTA	Biotechnological Recycling of Exhausted Cell Culture Media Using Microalgae – BioReMediA	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
76	Barera	Simone	Harnessing <i>Chlorella vulgaris</i> in a two-stage bioprocess for the sustainable valorisation of dairy waste: integrating biomass recovery and ethanol production	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
78	Resentini	Francesca	Mitochondrial Calcium Signaling in Plants: Insights into Stress Response Mechanisms	PLANT-ENVIRONMENT INTERACTIONS
80	Salbitani	Giovanna	Beneficial effects of irrigation with Coffee Silverskin Solutions on growth and metabolism of <i>Brassica oleracea</i> plants.	PLANT-ENVIRONMENT INTERACTIONS
82	Carra	Angela	Biological Control of Juvenility in Citrus: Insights into Tissue-Origin Effects in Somatic Embryogenesis	PLANT HORMONES: FROM SIGNALING TO DEVELOPMENT
84	Toffanin	Chiara	GREEN AND FAR-RED LIGHTS: KEY ACCLIMATION DRIVERS THAT BOOST PLANT GROWTH	PLANT-ENVIRONMENT INTERACTIONS
86	Baldisseri	Anna	Root-Free exogenous MicroRNA Extraction from <i>Arabidopsis thaliana</i>	PLANT-ENVIRONMENT INTERACTIONS
88	Perri	Maria Rosaria	Isolation and characterization of soil bacteria as potential biocontrol agents against <i>Fusarium cerealis</i> and <i>Fusarium sambucinum</i> , two phytopathogenic fungi	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
94	Fortunato	Stefania	cAMP as a Key Regulator of Basal Thermotolerance: Insights from Redox and Transcriptomic Analyses in <i>Arabidopsis</i>	PLANT-ENVIRONMENT INTERACTIONS
96	Menin	Barbara	Investigation of organic dye acting as artificial antenna in green algae and cyanobacteria	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
102	Regini	Gaia	A beneficial role for thallium in the facultative hyperaccumulator <i>Silene latifolia</i> ?	PLANT-ENVIRONMENT INTERACTIONS
104	Boscarol	Giacomo	Mycotoxin contamination in maize can be predicted by analysing morphophysiological traits at different phenological stages	PLANT-ENVIRONMENT INTERACTIONS
106	Pastorini	Valentina Maria Carmela	Biochemical responses in durum wheat plants under drought stress conditions	PLANT-ENVIRONMENT INTERACTIONS
108	Savatin	Daniel V.	Assessing validation methods for RNA guides in CRISPR-Cas9 genome editing of durum wheat	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
112	Grenzi	Matteo	To Oscillate or Not: Apoplast-ER Crosstalk Governs Stomatal Guard Cells Ca^{2+} Dynamics	PLANT-ENVIRONMENT INTERACTIONS
116	OSNATO	MICHELA	<i>Artemisia</i> at flowering: optimizing in planta accumulation and in vitro evaluation of secondary metabolites with potential anticancer activity	CUTTING EDGE APPROACHES IN PLANT BIOLOGY
118	Della Maggiora	Lorenzo	Screening and evaluation of the antimicrobial activity of selected essential oils and plant-derived metabolites for the formulation of sustainable antimicrobial terpene-based cocrystals	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
120	Carril	Pablo	Next generation biostimulants in agromining: enhancing nickel phytoextraction in <i>Odontarrhena decipiens</i> (Nyár.) grown in serpentine soil	PLANT-ENVIRONMENT INTERACTIONS
122	Vaccarella	Olga Maria	From Waste to Wealth: Enhancing Plant Productivity with Digestate from the Organic Fraction of Municipal Solid Waste	PLANT-ENVIRONMENT INTERACTIONS
124	Cusenza	Benvenuta Sonia	Halophilic Microalgae from Trapani Salt Ponds: Bioactive Potential and Biostimulant Applications in Sustainable Agriculture	PLANT BIOTIC INTERACTIONS
126	Giannetti	Giulia	Effect of drought-primed ecological memory on stress adaptation in tomato	PLANT-ENVIRONMENT INTERACTIONS
128	Pedrazzini	Emanuela	Neoproteins for human nutrition	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
132	Giovannini	Luca	Assessment of arbuscular mycorrhizal symbiosis in the tolerance of different durum wheat genotypes subjected to environmental stress conditions	PLANT BIOTIC INTERACTIONS
134	Cafferri	Roberto	LHCSR1 functions as a dimmer switch in membrane nanodiscs	CUTTING EDGE APPROACHES IN PLANT BIOLOGY

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140	GATTI	NOEMI	Exploring Plant-Plant Interactions in Intercropping Systems to Enhance Durum Wheat Growth and Drought Resilience	PLANT-ENVIRONMENT INTERACTIONS
142	PONTIGGIA	Daniela	Role of oligogalacturonides (OGs) and their oxidation by OGOX enzymes in systemic plant defence responses	PLANT BIOTIC INTERACTIONS
144	Di Renzo	Sara	Transcriptomic Analysis Reveals an Estradiol-Responsive Pathway in Arabidopsis Involving EDS1 and RBOHD and Its Modulation upon B. cinerea Infection	PLANT HORMONES: FROM SIGNALING TO DEVELOPMENT
146	Nutricati	Eliana	In vitro antifungal and antibacterial activity of exosomes purified from Brassica oleracea L.	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS
148	Deandrea	Marcello	High-throughput phenotyping to study biostimulant efficacy in triggering plant responses to drought stress	CUTTING EDGE APPROACHES IN PLANT BIOLOGY
150	Vuerich	Marco	A moderate increase in sugar concentration may account for the osmotic adjustment observed in grapevine leaves under mild water deficit	PLANT-ENVIRONMENT INTERACTIONS
152	Cutolo	Edoardo Andrea	Linking protein-pigment interactions with spectral phenotypes: a synthetic biology approach in microalgae	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
154	Locato	Vittoria	Insights into the Antioxidant and Antimicrobial Effects of Selected Indigenous Kenyan Medicinal Plants	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES